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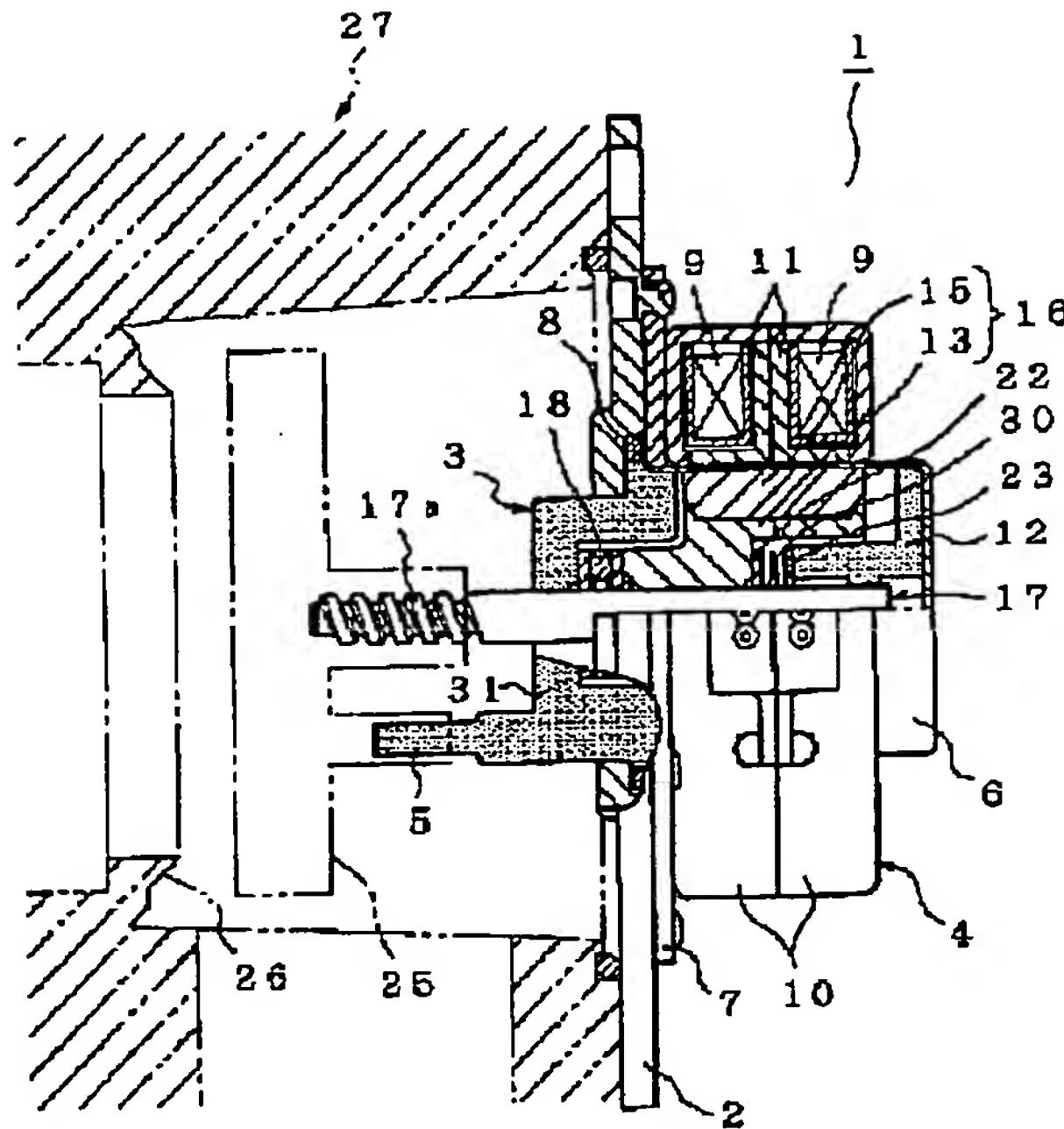
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TITLE : OUTER BUSH FOR BIDIRECTIONAL
FLUID VALVE MOTOR



ABSTRACT : PROBLEM TO BE SOLVED: To perform satisfactory opening/closing operation for a fluid path and keep smooth rotation of a lead screw for a long time, by providing a valve body which supports the lead screw rotatably in the positive or reverse direction and equipping the body with a stud integrally deflectively.

SOLUTION: A bidirectional fluid valve motor 1 has a cup-shaped casing 6 with a collar, and a stator 4 is fixed to the outer periphery of the casing 6. The stator 4 has a magnet wire 9, and an outer yoke 10 and an inner yoke 11 are placed around the magnet wire 9. An outer bush 3 has a cup-shaped body 31 with a collar, and a stud 5 is formed at an area deflected from the center of circular bottom of the body 31 such that it projects forward. An inner bush 12 made of self-lubricative synthetic resin is inserted into the casing 6. Therefore, satisfactory opening/closing operation for a fluid path can be performed, and reliability of the bidirectional fluid valve motor 1 is improved.

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